technical reports and other relevant information relating to the safety aspect of Tehri Dam has not concluded its deliberations. The report of the Hanumantha Rao Committee set up by the Ministry in Septemebr, 1996 to examine rehabilitation and environmental aspects of Tehri Hydroelevtsic Project has submitted its report to the Government on 11.11. 1997. The major recommendations of the Committee with regard to rehabilitation of the affected population include redefinition of family so as to make all sons and unmarried daughters of fully affected families, who attained the age of 18 years on 19.7.1990 eligible for grant of Rs. 1,50,000 each to major married sons and Rs. 75,000 each to major unmarried sons and major unmarried daughters, in lieu of land; grant of house construction assistance to the urban land owner families, including each major son and major unmarried daughter, linked with the progress of construction and shifting; allotment of one constructed shop on cost to each urban shop owner who was not running the shops, in lieu of shop structure acquired from him and Rs. 40,000/- as grant for each additional shop owned by him; recognition of the right of people, living in villages upstream of Tehri reservoir, over the water from Bhagirathi and Bhilangana rivers and tributaries for drinking and irrigation purposes.

The major recommendations on environmental aspects, inter-alia, include enhancement of treatment of degraded catchment areas of Thehri HE project and involvement of the local communities in the catchment area treatment programme; undertaking an additional study of flora and fauna of the region to assess impact on population and local viability of species; early finalisation of Command Area Development Plan and the Disaster Management Plan, etc. Other recommendations include creation of indirect employment opportunities for the affected population, and strengthening of institutional mechanism for rehabilitation, redressal of grievances, and monitoring of environmental safeguards.

(c) and (d) The Government has not received any request from religious leaders who attended the World Hindu Conference as reported in Hindustan Times dated 29.10.1997 representing against the construction of Tehri Dam.

As regards the fast by Shri Sunderlal Bahuguna demanding stoppage of work of Tehri HE Project pending resolution of the issues concerning the safety of the Dam etc. Government has shown its willingness that all possible steps would be taken to ensure the safety of the Dam, to improve rehabilitation package and implementing adequate ecological safeguards.

Execution of Time Bound Power Sector Reforms

1074. SHRI GOVINDRAO ADIK: Will the Minister of POWER be pleased to state:

(a) whether it is a fact that the World Bank has wirtten to Government for time bound power sector reforms to be executed by the State Electricity Boards particularly regarding electricity pricing, the structure and regulation of the sector ownership, management of the state power utilities and privatisation of distribution etc.;

(b) if so, the details of recent communication addressed to the State Governments particularly Maharashtra by the World Bank recently; and

(c) the details of State-wise review of major reform programmes undertaken by the State Electricity Boards and how far it satisfies the World Bank expectation?

THE MINISTER OF STATE OF THE MINISTRY OF SCIENCE & TECHNOLOGY AND THE MINISTER OF STATE OF THE MINISTRY OF POWER (SHRI YOGINDER K. ALAGH): (a) and (b) The World Bank has addressed a letter to Government of Maharashtra in response to a request made by the Government of Maharashtra for lifting suspension of loan for Second Mahatashtra Power Project. The bank has indicated that it would lift the

suspension, which has been in effect since October, 1996 and not cancel the remaining funds of the loan, if Government enters into a programme to restructure the sector, This would involve creating an operation and regulatory environment conducive to investment and competition, so as to foster entry of private participants into the sector and to attract capital and expertise required to support power system expansion.

(c) Some of the States viz. Orissa, Haryana, Rajasthan, Uttar Pradesh, Andhra Pradesh and Bihar have taken World Bank assistance for undertaking reforms in the power sector. Orissa is the only State which has set up an Electricity Regulatory Commission. The State of Haryana has passed their reforms bill in the Assembly and is awaiting President's assent. The other States are in the process of setting up of Electricity Regulatory Commissions.

Technology Development Plan for Power Sector

1075. PROF. NAUNIHAL SINGH: Will the Minister of POWER be pleased to state:

(a) whether Government are considering a proposal for preparing a technology development plan for the power sector;

(b) if so, what are the details of the objectives and salient features of such a plan;

(c) whether it is also a fact that Government are evolving a national power plan based on optimal fuel choices; and

(d) if so, what are the details of the objectives and salient features thereof?

THE MINISTER OF STATE OF THE MINISTRY OF SCIENCE & TECHNOLOGY AND THE MINISTER OF STATE OF THE MINISTRY OF POWER (SHRI YOGINDER K. ALAGH): (a) to (b): Taking into account the national resources, expected demand and other relevant factors, a perspective plan covering a period from 1997 to 2011 has been prepared by the Central Electricity Authority (CEA). The report, inter-alia, projects the anticipated requirement of capacity for the next 15 years under different scenarios. The board results of the study indicate that a capacity addition to over 1,50,000 MW is required during the next 15 years to meet the demand supply gap.

With a view to support such massive additions in generation, transmssion and distribution systems, Government has constantly been emphasising on the upgradation and introduction of modern technology and excercising optimal fuel choices for improving the quality, reliability and cost effectiveness of power supply. Improved technologies and energy efficiency practices are an integral part of the Power Plan which is a continuous exercise.

मध्य प्रदेश के पिछड़े और आदिवासी क्षेत्रों में वैज्ञानिक और औद्योगिक अनुसंधान परिषद की प्रयोगशालाएं

1076. **श्री अजीत जोगी:**
श्री वी० हनुमंत राव:

क्या विज्ञान और प्रौद्योगिकी मंत्री यह बताने की कृपा करेंगे कि:

(क) देश में, विषेश रूप से मध्य प्रदेश के पिछड़े और आदिवासी क्षेत्रों में वैज्ञानिक और औद्योगिक अनुसंधान परिषद की कार्यरत प्रयोगशालाओं का ब्यौरा क्या है; और

(ख) गत पांच वर्षों के दौरान इन प्रयोगशालाओं की क्या उपलब्धियां रहीं, और इस अवधि में इन पर राज्यवार कितना व्यय किया गया?

विज्ञान और प्रौद्योगिकी मंत्रालय के राज्य मंत्री और विद्युत मंत्रालय के राज्य मंत्री (श्री योगेन्द्र कुमार भगतराम अलघ): (क) कृपया वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद (सीएसआइआर) की प्रयोगशालाओं की सूची विवरण -1 में देखें (नीचे देखिए) सीएसआइआर की कोयला सर्वेक्षण प्रयोगशाला (सीएसएल), बिलासपुर, मध्य प्रदेश में स्थित है जो क्षेत्र में उपलब्ध कोयले और लिग्नाइट संसाधन की